Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27755	(test\$3 or calibrat\$3)near3(LCD or display\$1 or liquid adj crystal adj display or plasm adj display or matrix or flat adj panel adj display or FPD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:38
L2	5142	"2" same(substract\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and (first and second)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:43
L3	5	2 and(substract\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and (first and second)same image\$1 same (row or column)same(defect\$3 or fault or flaw or malfunction or reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:45
L4	1	1 and(substract\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and (first and second)same image\$1 same (row or column)same(defect\$3 or fault or flaw or malfunction or reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:43
L5	30	1 same(substract\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and (first and second)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:43
L6	1	5 and (substract\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and (first and second)same image\$1 same (row or column)same(defect\$3 or fault or flaw or malfunction or reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:45
L7	22	5 and (compar\$5 or match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:46
L8	1	5 and (compar\$5 or match\$3)same (resultant or substract\$3)same(first or second) same (row or column)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 13:48

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	158708	(test\$3 or calibrat\$3)and(LCD or display\$1 or liquid adj crystal adj display or plasm adj display or matrix or array or flat adj panel adj display or FPD)	US-PGPUB	OR	ON	2005/07/06 13:22
L2	26133	1 and (substract\$3 or resultant)and(active or non adj active or energis\$3 or de adj energis\$3 or on or off)	US-PGPUB	OR	ON	2005/07/06 13:24
L3	6902	2 and (substract\$3 or resultant)and(active or non adj active or energis\$3 or de adj energis\$3 on or off)and (first and second)and image\$1 and (row or column)	US-PGPUB	OR	ON	2005/07/06 13:27
L4	3991	3 and(defect or flaw or fault or reject\$3)	US-PGPUB	OR	ON	2005/07/06 13:28
L5	2	4 and (compar\$5 or match\$3)same(substract\$3 or resultant)same(row or column) same(defect or flaw or fault or reject\$3)	US-PGPUB	OR	ON	2005/07/06 13:29

	บ	1	Document ID	Issue Date	Pages
1			US 20040207836 A1	20041021	98
2			US 20020157033 A1	20021024	10

	Title	Current OR	Current XRef
	High dynamic range optical inspection system and method	356/237.4	
1.7	Testing an image display device	714/1	

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Chhibber, Rajeshwar et al.	х						
2		Cox, Andrew	х					•	

		Image Doc. Displayed	PT
1	US	20040207836	
2	US	20020157033	

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14950	(test\$3 or calibrat\$3)near3(LCD or display\$1 or liquid adj crystal adj display or plasm adj display or matrix or flat adj panel adj display or FPD)	USPAT	OR	ON	2005/07/06 12:28
L2	62	1 and (substrat\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and(first and second)same (row or column)same image\$1	USPAT	OR	ON	2005/07/06 12:31
L3	26	2 and (substrat\$3 or resultant)and (active or non adj active or energis\$3 or de adj energis\$3 or on or off)and(first and second)same (row or column)same image\$1 and (defect\$3 or flaw or fault or malfunction or reject\$3)	USPAT	OR	ON	2005/07/06 12:32
L4	0	3 and(compar\$5 or match\$3)same(substrat\$3 or resultant)with(first and second)same image\$1 same(row or column)same(defect\$3 or flaw or fault or malfunction or reject\$3)	USPAT	OR	ON	2005/07/06 12:40
L5	394	382/145.ccls.	USPAT	OR	ON	2005/07/06 12:35
L6	13	5 and 1	USPAT	OR	ON	2005/07/06 12:35
L7	0	6 and 2	USPAT	OR	ON	2005/07/06 12:36
L8	0	6 and 3	USPAT	OR	ON	2005/07/06 12:36
L9	376	345/55.ccls.	USPAT	OR	ON	2005/07/06 12:36
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L12	1	3 and 11 .	USPAT	OR	ON	2005/07/06 12:39
L13	182	324/770.ccls.	USPAT	OR	ON	2005/07/06 12:39
L14	112	1 and 13	USPAT	OR	ON	2005/07/06 12:39
L15	3	2 and 14	USPAT	OR	ON	2005/07/06 12:39
L16	3	3 and 15	USPAT	OR	ON:	2005/07/06 12:39
L17	0	16 and(compar\$5 or match\$3)same(substrat\$3 or resultant)with(first and second)same image\$1 same(row or column)same(defect\$3 or flaw or fault or malfunction or reject\$3)	USPAT	OR	ON	2005/07/06 12:40



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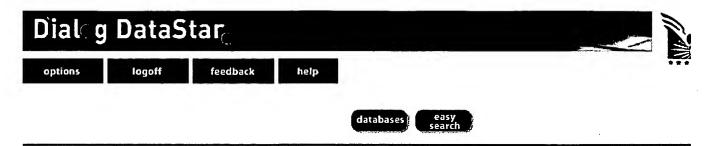
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Advanced Search: INSPEC - 1969 to date (INZZ)

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1	INZZ	lcd	unrestricted	7645	show titles
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3	INZZ	flat ADJ panel	unrestricted	5595	show titles
4	INZZ	plasma ADJ display	unrestricted	1823	show titles
5	INZZ	defect*	unrestricted	. 0	-
6	INZZ	flaw**	unrestricted	0	-
7	INZZ	malfunction	unrestricted	2240	show titles
8	INZZ	reject\$5	unrestricted	26695	show titles
9	INZZ	defect\$5	unrestricted	187786	show titles
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14	INZZ	energ\$5	unrestricted	1280474	show titles
15	INZZ	deenerg\$5	unrestricted	144	show titles
16	INZZ	turn ADJ adj1 ADJ on	unrestricted	0	
17	INZZ	imag\$3	unrestricted	507209	show titles
18	INZZ	rows	unrestricted	7810	show titles
19	INZZ	columns	unrestricted	12180	show titles
20	INZZ	11 AND 14	unrestricted	979	show titles
21	INZZ	20 AND 15	unrestricted	0	-
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23	INZZ	22 AND 18 AND 19	unrestricted	0	-
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26	INZZ	22 AND threshold	unrestricted	5	show titles
27	INZZ	20 AND malfunction	unrestricted	0	-
28	INZZ	18 AND 19 AND malfunction	unrestricted	1	show titles
29	INZZ	display AND 18 AND 19	unrestricted	120	show titles
30	INZZ	29 AND defect\$5	unrestricted	2	show titles
31	INZZ	29 AND error\$5	unrestricted	4	show titles

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32	INZZ	30 AND THRESHOLD	unrestricted	0	- .
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Classification codes A: Physics, 8	
Classification codes A: Physics, 9	
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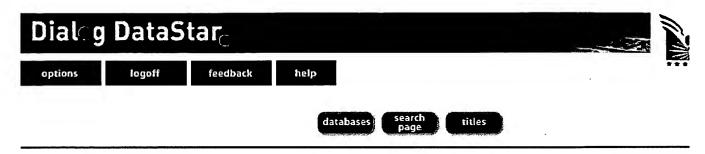
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1988. (INZZ) A 10 in. diagonal active-matrix monochrome LCD.

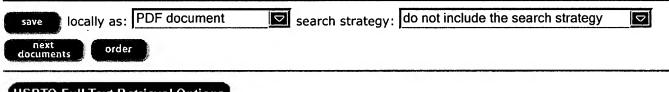
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INSPEC - 1969 to date (INZZ)

Accession number & update

3275468, B89005585; 890000.

Title

A 10-in. diagonal active-matrix monochrome liquid-crystal display.

Author(s)

Sakai-S; Masuda-K; Kimura-K; Nomura-T; Kohda-S.

Author affiliation

NTT Appl Electr Lab, Tokyo, Japan.

Source

Review-of-the-Electrical-Communication-Laboratories (Japan), vol.36, no.4, p.395-402, July 1988.

CODEN

RELTAN.

ISSN

ISSN: 0029-067X.

Publication year

1988.

Language

EN.

Publication type

J Journal Paper.

Treatment codes

P Practical.

Abstract

A 10-in. diagonal 400*640 pixel active-matrix monochrome LCD that is thin, light, and has low power consumption has been developed. The new active-matrix circuit has duplicated data input routes as a defect tolerance mechanism to enhance the yield of large high resolution LCDs. With this circuit, correct data can be automatically displayed without any additional process such as defect detection or laser repair. A new AC drive method where the voltage polarity is changed in pixel rows and columns during a frame period is also developed and adopted to realize a flicker-free, high-quality LCD image. (3 refs).

Descriptors

liquid-crystal-displays.

Keywords

active matrix monochrome liquid crystal display; LCD; data input routes; defect tolerance; yield;

defect detection; laser repair; AC drive method; voltage polarity; 10 inch; 256 kpixels.

Classification codes

B7260 (Display technology and systems).

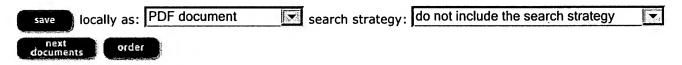
B4150D (Liquid crystal devices).

Numerical indexing

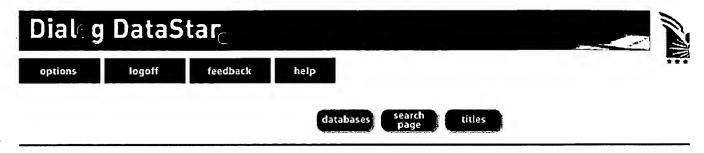
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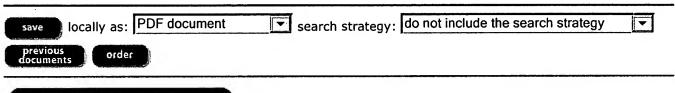


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Accession number & update

3269961, B89005554; 890000.

Title

A 10 in. diagonal active-matrix monochrome LCD.

Author(s)

<u>Sakai-S; Masuda-K; Kimura-K; Nomura-T; Kohda-S.</u>

Author affiliation

NTT Appl Electron Labs, Tokyo, Japan.

Source

Electrical-Communication-Laboratories-Technical-Journal (Japan), vol.37, no.6-7, p.339-47, 1988.

CODEN

TJECAS.

ISSN

ISSN: 0415-3200.

Publication year

1988.

Language

JA.

Publication type

J Journal Paper.

Treatment codes

N New Development; P Practical.

Abstract

A 10 in. diagonal 400*640 pixel active-matrix monochrome LCD is developed that is thin, light, and has low power consumption. The new active-matrix circuit has duplicated data input routes as a **defect** tolerance mechanism to increase the yield of large high-resolution LCDs. The circuitry can automatically **display** data without any additional processes such as **defect** detection or laser repair. A new AC drive method changes the voltage polarity in pixel **rows** and **columns** during the frame period, giving a flicker-free high-quality LCD image. (3 refs).

Descriptors

liquid-crystal-displays.

Keywords

data input route duplication; data **display**; active matrix monochrome LCD; **defect** tolerance mechanism; AC drive method; frame period; flicker free high quality LCD image; 10 in; 400 pixel; 640

pixel; 256000 pixel.

Classification codes

B7260 (Display technology and systems).

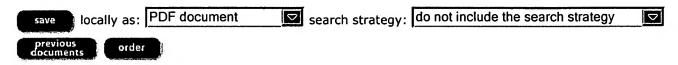
B4150D (Liquid crystal devices).

Numerical indexing

picture size: 4.0E+02 pixel, 6.4E+02 pixel, 2.56E+05 pixel;

size: 2.5E-01 m.

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Inventor Name Search Result

Your Search was:

Last Name = COX

First Name = ANDREW

Application#	Patent#	Status	Date Filed	Title	Inventor Name 39
60631813	Not Issued	020	11/30/2004	SYSTEM AND METHOD FOR EVALUATING FINANCIAL TRANSACTIONS	COX, ANDREW
60571489	Not Issued	159		INNER CORE LPS EPITOPES AND USES THEREOF	COX, ANDREW
60358384	Not Issued	159	02/22/2002	SYNTHESIS OF LIPOOLIGOSACCHARIDE- PROTEIN CONJUGATE VACCINES WITH CONSERVED INTERNAL OLIGOSACCHARIDE EPITOPES	COX, ANDREW
60227850	Not Issued	159	08/25/2000	GENETIC BASIS FOR EXPRESSION OF THE MAJOR GLOBOTETRAOSE CONTAINING LIPOPOLYSACCHARIDE FROM HAEMOPHILUS INFLUENZAE STRAIN RD (RM118)	COX, ANDREW
60169582	Not Issued	159	12/08/1999	PORTABLE PLANT FOR MIXING ASPHALT RUBBER	COX, ANDREW
60029852	Not ' Issued	159	10/30/1996	METHOD OF COMPUTERIZED ADMINISTRATION OF A LIFE INSURANCE PLAN WITH A DEFINED BENEFIT PLAN	COX, ANDREW H.
11137644	Not Issued	020	05/25/2005	SYSTEM AND METHOD FOR ROUTING INFORMATION FOR EVALUATING A FINANCIAL TRANSACTION	COX, ANDREW
11109204	Not Issued	020	04/19/2005	METHOD AND APPARATUS FOR EVALUATING A FINANCIAL TRANSACTION	COX, ANDREW
11109203	Not Issued	020	04/19/2005	METHOD AND APPARATUS FOR MANAGING RISK	COX, ANDREW

11108987	Not Issued	020	11	METHOD AND APPARATUS FOR MANAGING CREDIT LIMITS	COX, ANDREW
10917072	Not Issued	020		ICE CONFECTION AND ITS MANUFACTURING PROCESS	COX, ANDREW RICHARD
10505276	Not Issued	030		SYNTHESIS OF LIPOPOLYSACCHARIDE- PROTEIN CONJUGATE VACCINES VIA THE LIPID A REGION FOLLOWING REMOVAL OF THE GLYCOSIDIC PHOSPHATE RESIDUE	COX, ANDREW
10362458	Not Issued	030	11/01/2004	HAEMOPHILUS INFLUENZAE LIPOPOLYSACCHARIDE INNER- CORE OLIGOSACCHARIDE EPITOPES AS VACCINES FOR THE PREVENTION OF HAEMOPHILUS INFLUENZAE INFECTIONS	COX, ANDREW
10201396	Not Issued	161	07/23/2002	PORTABLE PLANT FOR MIXING ASPHALT AND RUBBER	COX, ANDREW
10165230	6742521	150	06/07/2002	COMBINATION PROPHYLACTIC AND SANITIZER	COX, ANDREW
10093545	6726949	150	03/08/2002	AERATED FROZEN PRODUCT	COX, ANDREW RICHARD
10089583	Not Issued	041	07/11/2002	VACCINE	COX, ANDREW D
10020586	Not Issued	071	11	TESTING AN IMAGE DISPLAY DEVICE	COX, ANDREW
09803704	6635300	150	03/09/2001	AERATED FROZEN PRODUCT	COX, ANDREW RICHARD
09633378	Not Issued	164	08/07/2000	PORTABLE PLANT FOR MIXING ASPHALT AND RUBBER	COX, ANDREW
<u>09096106</u>	6010169	150	06/11/1998	AUTOMOTIVE BUMPER	COX, ANDREW
08107738	5524872	150	08/25/1993	CLAMPING DEVICE	COX, ANDREW
08005717	5372751			ACYL ISETHIONATE SKIN CLEANING COMPOSITIONS CONTAINING BETAINES, AMIDO SULFOSUCCINATES OR COMBINATIONS OF THE TWO	COXON, ANDREW C.
<u>07791762</u>	Not	161	11/12/1991	ACYL ISETHIONATE SKIN	COXON,

Í.					
	Issued			CLEANING COMPOSITIONS CONTAINING BETAINES, AMIDO SULFOSUCCINATES OR COMBINATIONS OF THE TWO	ANDREW C.
<u>07779686</u>	Not Issued	161	10/21/1991	ROTOR SPEED SYNCHRONIZER FOR PLURALITY OF MULTI- ROTOR AIRCRAFT ENGINES	COX, ANDREW L.
07563468	Not Issued	161	08/07/1990	ACYL ISETHIONATE SKIN CLEANSING COMPOSITIONS CONTAINING SELECTED BETAINES	COXON, ANDREW C.
07488023	5000905	150	05/16/1990	STRETCH BLOW-MOULDING THERMOPLASTICS ARTICLES	COX, ANDREW P. D.
<u>07477136</u>	Not Issued	161	02/07/1990	DETERGENT COMPOSITIONS	COXON, ANDREW C.
07362189	4952808	150	11	THERMAL RADIATION DETECTION APPARATUS	COX, ANDREW I.
<u>07274641</u>	Not Issued	166	11/17/1988	DETERGENT COMPOSITIONS	COXON, ANDREW C.
<u>07010635</u>	4775855	150	02/04/1987	HOSE LEAK DETECTORS	COX, ANDREW P. D.
<u>07008716</u>	Not Issued	166	01/30/1987	DETERGENT COMPOSITIONS	COXON, ANDREW C.
06733413	4675393	150	05/13/1985	PROCESS FOR PREPARING GLUCOSE EMTAACETATE AND XYLOCE TETRAACETATE	COXON, ANDREW C.
06601914	Not Issued	161	04/19/1984	FLEXIBLE HOSE	COX, ANDREW P. D.
06601913	4576037	150	04/19/1984		COX, ANDREW P. D.
06478403	Not Issued	166	03/24/1983	PROCESS FOR PREPARING SUGAR ACETATES	COXON, ANDREW C.
06150824	4298491	150	05/19/1980	PROCESS FOR MAKING DETERGENT COMPOSITIONS	COXON, ANDREW C.
<u>06067197</u>	4279135	150		DYEING, WASHING AND/OR MILLING	COX, ANDREW G.

Inventor Search Completed: No Records to Display.

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